

REMARKS

1 Applicant respectfully requests allowance of the subject application.
2
3 Claims 1-50 are pending. Claims 1, 9, 14, 20, 30 and 35 have been amended.
4 Claims 41-50 have been added. In view of the following remarks, Applicant
5 respectfully requests that the rejections be withdrawn and the application be
6 forwarded along to issuance

§103 Rejection

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8 Claims 1-40 stand rejected under 35 U.S.C. § 103(a) as being unpatentable
9 over U.S. Patent No. 6,076,733 to Wilz, et al. (hereinafter "Wilz").
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The Claims

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12 Claim 1 has been amended and, as amended recites a method comprising
13 [portions of the amended language appear in bold italics below]:

- 14
15 • providing a readable resource;
16 • defining a human-readable resource designator—that can be used to access
17 information associated with the readable resource;
18 • defining a computer-readable resource designator that can be used by a
19 computer to automatically access said information; and
20 • associating, on the readable resource, the human-readable resource
21 designator and the computer-readable resource designator, *the computer-*
readable resource designator comprising means for preventing said
computer-readable resource designator from being confused with other
computer-readable resource designators that might appear on the
readable resource.

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23 Support for this amendment can be found in the specification on page 7,
24 line 15 through page 8, line 11. Wilz neither discloses nor suggests a method in
25

1 which a computer-readable resource designator comprises means for preventing
2 the computer-readable resource designator from being confused with other
3 computer-readable resource designators that might appear on the readable
4 resource. Accordingly, for at least this reason, this claim is allowable.

5 Claims 2-8 and newly added Claims 41 and 42 depend either directly or
6 indirectly from claim 1 and are allowable as depending from an allowable base
7 claim. These claims are also allowable for their own recited features which, in
8 combination with those recited in claim 1, are neither shown nor suggested in the
9 references of record, either singly or in combination with one another.

10 Claim 9 has been amended and, as amended recites one or more computer-
11 readable media having computer-readable instructions thereon which, when
12 executed by one or more processors, cause the one or more processors to [portions
13 of the amended language appear in bold italics below]:

- 14 • define a human-readable resource designator comprising a URL that
15 can be used to access a Web page;
- 16 • define a computer-readable resource designator associated with and
17 corresponding to the URL that can be used by a computer to
18 automatically access said Web page; and
- 19 • associate the human-readable resource designator with the computer-
20 readable resource designator in a manner such that if the Web page
21 is printed, individual designators appear thereon, *wherein the*
22 *computer-readable resource designator comprises means for*
23 *preventing said computer-readable resource designator from being*
24 *confused with other computer-readable resource designators that*
25 *might appear on the readable resource.*

22 Support for this amendment can be found in the specification on page 7,
23 line 15 through page 8, line 11. Wilz neither discloses nor suggests a computer-
24 readable resource designator that comprises means for preventing the computer-
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1 readable resource designator from being confused with other computer-readable
2 resource designators that might appear on the readable resource. Accordingly, for
3 at least this reason, this claim is allowable.

4 **Claims 10-13 and newly added Claims 43 and 44 depend either directly or**
5 **indirectly from claim 9 and are allowable as depending from an allowable base**
6 **claim. These claims are also allowable for their own recited features which, in**
7 **combination with those recited in claim 9, are neither shown nor suggested in the**
8 **references of record, either singly or in combination with one another.**

9 **Claim 14 has been amended and, as amended recites a method [portions of**
10 **the amended language appear in bold italics below] comprising:**

- 11 • reading, with a computer, a computer-readable resource designator
12 that can be used by a computer to automatically access information,
13 said computer-readable resource designator being displayed on a human-
14 readable resource and displayed in conjunction with a human-
15 readable resource designator that can be read by a human and used
16 to access said information, *said computer-readable resource*
designator comprising means for preventing said computer-
readable resource designator from being confused with other
computer-readable resource designators that might appear on the
readable resource;
- 17 • processing the computer-readable resource designator to identify a
18 designator that is associated with a network-accessible resource;
- 19 • requesting a designated resource; and
- 20 • receiving the requested resource.

21 Support for this amendment can be found in the specification on page 7,
22 line 15 through page 8, line 11. Wilz neither discloses nor suggests a method in
23 which a computer-readable resource designator comprises means for preventing
24 the computer-readable resource designator from being confused with other

1 computer-readable resource designators that might appear on the readable
2 resource. Accordingly, for at least this reason, this claim is allowable.

3 **Claims 15-19** and newly added **Claims 45 and 46** depend either directly or
4 indirectly from claim 14 and are allowable as depending from an allowable base
5 claim. These claims are also allowable for their own recited features which, in
6 combination with those recited in claim 14, are neither shown nor suggested in the
7 references of record, either singly or in combination with one another.

8 **Claim 20** has been amended and, as amended recites a system [portions of
9 the amended language appear in bold italics below] comprising:

- 10 • a readable resource;
- 11 • a human-readable resource designator on the readable resource; and
- 12 • a computer-readable resource designator on the readable resource,
*said computer-readable resource designator comprising means for
preventing said computer-readable resource designator from being
confused with other computer-readable resource designators that
might appear on the readable resource;*
- 13 • the computer-readable resource designator being associated with and
corresponding to the human-readable resource designator;
- 14 • the computer-readable resource designator being configured for use
by a computer so that a computer can automatically retrieve a
resource associated with both the human-readable resource
designator and the computer-readable resource designator.

15 Support for this amendment can be found in the specification on page 7,
16 line 15 through page 8, line 11. Wilz neither discloses nor suggests a computer-
17 readable resource designator that comprises means for preventing the computer-
18 readable resource designator from being confused with other computer-readable
19 resource designators that might appear on the readable resource. Accordingly, for
20 at least this reason, this claim is allowable.

1 Claims 21-29 and newly added Claims 47 and 48 depend either directly or
2 indirectly from claim 20 and are allowable as depending from an allowable base
3 claim. These claims are also allowable for their own recited features which, in
4 combination with those recited in claim 20, are neither shown nor suggested in the
5 references of record, either singly or in combination with one another.

6 Claim 30 has been amended and, as amended recites a system [portions of
7 the amended language appear in bold italics below] comprising:

- 8 • at least one human-readable resource designator; and
- 9 • at least one computer-readable resource designator associated with
10 and corresponding to said one human-readable resource designator,
11 the computer-readable resource designator being configured for use
12 by a computer so that a computer can automatically retrieve a
13 resource associated with both the human-readable resource
14 designator and the computer-readable resource designator, *said at
least one computer-readable resource designator comprising
means for preventing said at least one computer-readable resource
designator from being confused with other computer-readable
resource designators.*

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16 Support for this amendment can be found in the specification on page 7,
17 line 15 through page 8, line 11. Wilz neither discloses nor suggests a computer-
18 readable resource designator that comprises means for preventing the computer-
19 readable resource designator from being confused with other computer-readable
20 resource designators that might appear on the readable resource. Accordingly, for
21 at least this reason, this claim is allowable.

22 Claims 31-34 depend directly claim 30 and are allowable as depending
23 from an allowable base claim. These claims are also allowable for their own
24 recited features which, in combination with those recited in claim 30, are neither

1 shown nor suggested in the references of record, either singly or in combination
2 with one another.

3 Claim 35 has been amended and, as amended recites a system [portions of
4 the amended language appear in bold italics below] comprising:

- 5 • one or more readable resources each of which comprising a human-
6 readable resource designator and a computer-readable resource
7 designator associated with and corresponding to the human-readable
8 resource designators, *said computer-readable resource designator*
comprising means for preventing said computer-readable resource
designator from being confused with other computer-readable
resource designators that might appear on an associated readable
resource;
- 9 • the computer-readable resource designator being configured for use
10 by a computer so that a computer can automatically retrieve a
11 resource associated with both the human-readable resource
12 designator and the computer-readable resource designator;
- 13 • one or more servers configured to receive requests for resources
14 associated with both the human-readable resource designator and the
15 computer-readable resource designator, and return requested
resources to one or more computing devices; and
- 16 • a data store for holding resources that can be requested by one or
17 more computing devices.

18 Support for this amendment can be found in the specification on page 7,
19 line 15 through page 8, line 11. Wilz neither discloses nor suggests a computer-
20 readable resource designator that comprises means for preventing the computer-
21 readable resource designator from being confused with other computer-readable
22 resource designators that might appear on the readable resource. Accordingly, for
23 at least this reason, this claim is allowable.

24 Claims 36-40 and newly added Claims 49 and 50 depend either directly or
25 indirectly from claim 35 and are allowable as depending from an allowable base

1 claim. These claims are also allowable for their own recited features which, in
2 combination with those recited in claim 35, are neither shown nor suggested in the
3 references of record, either singly or in combination with one another.

4

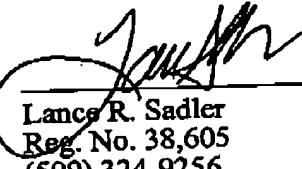
5 **Conclusion**

6 All of the claims are in condition for allowance. Accordingly, Applicant
7 requests a Notice of Allowability be issued forthwith. If the Office's next
8 anticipated action is to be anything other than issuance of a Notice of Allowability,
9 Applicant respectfully requests a telephone call for the purpose of scheduling an
10 interview.

11 Respectfully Submitted,

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13 Dated: 10/14/02

14 By: 

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